

**DNA coding for  $\beta$ -tubulin and its use**

**A b s t r a c t**

The invention relates to DNA which codes for  $\beta$ -tubulin from nematodes of the family of the strongylidae, the polypeptide encoded by this DNA, the use of the DNA for the diagnosis of anthelmintic resistance in the nematodes concerned and for the identification of the species of parasitic nematodes, the use of the  $\beta$ -tubulin as a constituent of a vaccine, and a process for the identification of new anthelmintic or antibiotic compounds.